

## 10643086 TEMPERATURE SENSING IN AN IN VIVO DEVICE

SRNT 8/17/05 Page 1 of 3

Type	L or K:	Hits	Search Text	DBs	Time Stamp	Comments
IS&R	L1	6314	((374/175) or (374/117) or (374/121) or (374/141) or (327/512) or (327/513) or (250/339.04) or (250/352) or (348/243) or (348/245) or (348/909) or (600/549) or (600/474) or (600/109) or (600/117) or (600/160) or (348/45) or (348/65)).CCLS.	US-PGPUB; USPAT	8/17/05 13:41	UPDATE Text Search below.
BRS	L2	203	1 and @pd>"20050319"	US-PGPUB; USPAT	8/17/05 13:43	
BRS	L4	3130	vidicon	USPAT	8/17/05 14:07	
BRS	L5	660379	IMAG\$3 or VIDEO or camera or videosignal or videocamera	USPAT	8/17/05 14:06	
BRS	L6	11138	((dark adj current) or ( johnson adj noise ) or ( shot adj noise ) or ( thermal adj noise ) or ( kt adj noise ) or ( boltzmann adj noise ))	USPAT	8/17/05 14:06	
BRS	L7	4756	(( Brownian near noise ) or ( thermal near noise ) or ( kt with noise ) or ( Planck with noise ))	USPAT	8/17/05 14:06	
BRS	L8	167392	CMOS or CCD or (active adj pixel)	US-PGPUB; USPAT	8/17/05 13:51	
BRS	L9	8893	(dark near2 frames) or (noise near2 frames) or (dark near2 frame) or (noise near2 frame) or (dark near2 pixel\$1 ) or (noise near2 pixel\$1 )	US-PGPUB; USPAT	8/17/05 14:09	
BRS	L10	973	(reset adj noise) or ( kTC adj noise)	US-PGPUB; USPAT	8/17/05 13:54	
BRS	L11	67417	(photo\$1detector or detect\$3) with noise	US-PGPUB; USPAT	8/17/05 14:21	
BRS	L12	10637	solid adj state adj imag\$3	US-PGPUB; USPAT	8/17/05 13:56	
BRS	L13	2378	photo\$1sens\$3 near2 array	US-PGPUB; USPAT	8/17/05 13:57	
BRS	L14	7139	(( Brownian near noise ) or ( thermal near noise ) or ( kt with noise ) or ( Planck with noise ))	US-PGPUB; USPAT	8/17/05 14:06	
BRS	L15	946481	IMAG\$3 or VIDEO or camera or videosignal or videocamera	US-PGPUB; USPAT	8/17/05 14:06	
BRS	L16	3278	vidicon	US-PGPUB; USPAT	8/17/05 14:07	
BRS	L17	4	9 and 2 and temperature	US-PGPUB; USPAT	8/17/05 15:12	browsed for update
BRS	L20	72689	10 or 11 or 14	US-PGPUB; USPAT	8/17/05 14:21	NOISE
BRS	L21	1014459	8 or 12 or 13 or 15 or 16	US-PGPUB; USPAT	8/17/05 14:23	CAMERAS
BRS	L22	33982	20 and 21	US-PGPUB; USPAT	8/17/05 14:23	
BRS	L23	7	2 and 22	US-PGPUB; USPAT	8/17/05 14:46	browsed for update - finds 6927795 B1 (Cazier et al)
BRS	L19	9	(( (cavities near body) near2 imag\$3 ) with temperature ) or ( ((cavity near body) near2 imag\$3 ) with temperature )) or ( ( ( passages near body) near2 imag\$3 ) with temperature )) or ( ( ( passage near body) near2 imag\$3 ) with temperature ) )	US-PGPUB; USPAT	8/17/05 15:00	browsed
BRS	L24	659	NORIKA or M2A	US-PGPUB; USPAT	8/17/05 15:01	see below
BRS	L25	9	NORIKA	US-PGPUB; USPAT	8/17/05 15:02	browsed - finds some ingestible endoscope imagers.
BRS	L18	12	(ln\$1vivo near2 imag\$3 ) with temperature	US-PGPUB; USPAT	8/17/05 15:10	browsed.
BRS	L26	19	(Given adj Imaging ).as.	US-PGPUB; USPAT	8/17/05 15:16	browsed for ASSIGNEE
BRS	L31	140	((noise adj equivalent) adj2 exposure) or ((noise adj equivalent) adj2 temperature )	US-PGPUB; USPAT	8/17/05 15:25	
BRS	L33	95	20 and 31	US-PGPUB; USPAT	8/17/05 15:24	
BRS	L34	89	21 and 33	US-PGPUB; USPAT	8/17/05 15:24	
BRS	L35	89	34 and temperature	US-PGPUB; USPAT	8/17/05 15:26	browsed. NA

Type	L or K:	Hits	Search Text	DBs	Time Stamp	Comments
BRS	L36	17057	(shot adj noise) or (Johnson adj noise) or (thermal adj noise) or (electrical adj noise) or (Brownian adj noise) or (random adj noise) or (white adj noise) or (volt\$4 near2 noise) or (current\$1 near noise) or (dark adj3 noise) or ( kt adj noise ) or ( boltzmann adj noise )	USOCR; EPO; JPO; DERWENT	8/17/05 15:55	
BRS	L38	44430	(( Brownian near noise ) or ( thermal near noise ) or ( kt with noise ) or ( Planck with noise ) or ( photo\$1detector or detect\$3) with noise )	USOCR; EPO; JPO; DERWENT	8/17/05 15:57	
BRS	L40	2453867	CMOS or CCD or (active adj pixel) or ( solid adj state adj imag\$3) or (photo\$1sens\$3 near2 array ) or IMAG\$3 or VIDEO or camera or videosignal or videocamera or vidicon	USOCR; EPO; JPO; DERWENT	8/17/05 16:01	
BRS	L41	2891	36 and 40	USOCR; EPO; JPO; DERWENT	8/17/05 16:01	
BRS	L42	7653	38 and 40	USOCR; EPO; JPO; DERWENT	8/17/05 16:03	
BRS	L43	4634	dark adj current	USOCR; EPO; JPO; DERWENT	8/17/05 16:20	
BRS	L44	2321	43 and 40	USOCR; EPO; JPO; DERWENT	8/17/05 16:05	
BRS	L45	57010	36 or 38	USOCR; EPO; JPO; DERWENT	8/17/05 16:04	
BRS	L46	194	(36 or 38 ) and ( 40 and 43)	USOCR; EPO; JPO; DERWENT	8/17/05 16:18	see below
IS&R	L47	2816	((374/175) or (374/117) or (374/121) or (374/141) or (327/512) or (327/513) or (250/339.04) or (250/352) or (348/243) or (348/245) or (348/909) or (600/549) or (600/474) or (600/109) or (600/117) or (600/160) or (348/45) or (348/65)).CCLS.	USOCR; EPO; JPO; DERWENT	8/17/05 16:05	
BRS	L48	12	43 and 47	USOCR; EPO; JPO; DERWENT	8/17/05 16:15	browsed.
BRS	L37	4	(( ( (cavities near body) near2 imag\$3 ) with temperature ) ) or ( ( ((cavity near body) near2 imag\$3.) with temperature )) or ( ( ( ( passages near body) near2 imag\$3 ) with temperature )) or ( ( ( (passage near body) near2 imag\$3 ) with temperature ) ) or (ln\$1vivo near2 imag\$3 ) with temperature	USOCR; EPO; JPO; DERWENT	8/17/05 16:07	browsed
BRS	L39	2	(( ( (cavities near body) near2 imag\$3 ) with temperature ) ) or ( ( ((cavity near body) near2 imag\$3 ) with temperature )) or ( ( ( ( passages near body) near2 imag\$3 ) with temperature )) or ( ( ( (passage near body) near2 imag\$3 ) with temperature ) ) ( ( ( (lumen near body) near2 imag\$3 ) with temperature ) )	USOCR; EPO; JPO; DERWENT	8/17/05 16:13	browsed

# 10643086 TEMPERATURE SENSING IN AN IN VIVO DEVICE

SRNT 8/17/05 Page 3 of 3

Type	L or K:	Hits	Search Text	DBs	Time Stamp	Comments
BRS	L49	0	46 and 47 not 48 not 37 not 39	USOCR; EPO; JPO; DERWENT	8/17/05 16:16	
BRS	L50	194	46 not 48 not 37 not 39	USOCR; EPO; JPO; DERWENT	8/17/05 17:05	see below
BRS	L51	0	43 and 47 not 48 not 37 not 39	USOCR; EPO; JPO; DERWENT	8/17/05 16:17	
BRS	L52	9712	(36 or 38 ) and 40	USOCR; EPO; JPO; DERWENT	8/17/05 16:19	
BRS	L53	194	43 and 52	USOCR; EPO; JPO; DERWENT	8/17/05 16:19	same
BRS	L54	0	((dark adj current\$1 ) with temperature).clm.	USOCR; EPO; JPO; DERWENT	8/17/05 16:22	
BRS	L55	13	((dark adj current\$1 ) with temperature).clm.	US-PGPUB	8/17/05 16:22	browsed. Finds two of ROSSI and a WAKABAYASHI et al.
BRS	L56	7	50 and ( (temperature with calculat\$3) or (temperature with measur\$5) )	USOCR; EPO; JPO; DERWENT	8/17/05 17:06	browsed.
BRS	L57	1	10/351,548	US-PGPUB; USPAT	8/17/05 17:13	Wakabayashi
BRS	L58	1	10/290,397	US-PGPUB; USPAT	8/17/05 17:14	Rossi
BRS	L59	1	10/798,347	US-PGPUB; USPAT	8/17/05 17:14	Divisional of Rossi
BRS	L60	148	20020008766-\$ or US-20020121655-\$ or US-	USPAT; USOCR; DERWENT	8/17/05 17:16	Tagged before 20050817
BRS	L61	135	20040027469-\$ or US-20030073910-\$ or US-	USPAT; USOCR; DERWENT	8/17/05 17:17	Tagged previous AND today 20050817
BRS	L62	13	60 not 61	US-PGPUB; USPAT; USOCR; DERWENT	8/17/05 17:17	Tagged today 20050817
BRS	L63	9	("4562473"   "4587563"   "4600946"   "4760453"   "4910598"   "5796430"   "6249647"   "6271880"   "6525769").PN. OR ("6927795").URPN.	US-PGPUB; USPAT; USOCR	8/17/05 17:22	cited by US 6927795
BRS	L64	36	("20010035902" "20020146368" "20030040685" "20030077223" "3937086" "3971362" "4177800" "4180736" "4246784" "4278077" "4643587" "4646723" "4646724" "4689621" "4744672" "4844076" "4885077" "4891970" "5098197" "5109870" "5279607" "5354130" "5368027" "5508740" "5604531" "5640235" "5746511" "5819736" "5833603" "5853005" "5993378" "6074349" "6165128" "6184511" "6240312" "6584348").P N.	US-PGPUB; USPAT	8/17/05 17:32	IDS of this ACTION AUG
BRS	L65	15	64 and 60	US-PGPUB; USPAT	8/17/05 17:49	Already TAGGED from IDS, browsed again.
BRS	L66	21	64 not 60	US-PGPUB; USPAT	8/17/05 17:49	browsed the remainder from IDS.

61 927,795  
CAZIER, cited APPLICATION ⇒ 6,148,152